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CR-138887REMOTE SENSING OF OCEAN CURRENT BOUNDARY LAYER
EREP PROJECT 108

June 1974

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MONTHLY REPORT



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Subject: Monthly Progress Report, T-4713-B Refer to: RH-1000 04M 48.00

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This is the twelvth report on project EREP 108, and it covers the month of June 1974.

Blue to green ratios measured on the aircraft photographs show a significant variation from the center to the edges when measured over a uniform oceanographic target. This vignetting error significantly affects quantifying the results from aircraft photos, but a correction curve seems possible. Preliminary tests on SKYLAB hand-held photographs do not rereal the same problem; the S 190A and B have not been tested at this writing, however since the problem exists in one set of cameras, all investigators should be aware of the results.

Preparation of the final report on the hand-held photographic experiments occupied much of the time of this period. Preparations were made to attend the ASTP conference in Washington. Data from the ERTS/SKYLAB project in the Gulf of Mexico is being used by the State of Florida Department of Natural Resources to determine the advisability of dumping in the open sea at 27°N, 87°W. A copy of that report is appended for your information.

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